DEHYDROGENATION FOR MACHINE PARTS

Publication number:	JP10204612
Publication date:	1998-08-04
Inventor:	UEDA KOJI; KIUCHI AKIHIRO; OKITA SHIGERU
Applicant:	NIPPON SEIKO KK
Classification:	
- international:	***C23C8/80;*** **C23C8/80;** (IPC1-7): C23C8/80
- European:	
Application number:	JP19970021927 19970122
Priority number(s):	JP19970021927 19970122

Abstract of **JP10204612**

PROBLEM TO BE SOLVED: To provide a dehydrogenating method for machine parts capable of reducing hydrogen infiltrated at the time of carburizing treatment or carbonitriding treatment. SOLUTION: Machine parts are subjected to carburizing treatment or carbonitriding treatment under prescribed conditions and are thereafter held under heating in a vacuum to release diffusible hydrogen and nondiffusible hydrogen from the steel. In this way, the formation of a surface abnormal layer and the generation of soot can be prevented, and furthermore, hydrogen in the steel can be removed in a short time only by the increase of vacuum equipment without requiring the remarkable change of the equipment.
